Title (en)
   BEAD CRIMPING TOOL

Title (de)
   WULSTCRIMPWERKZEUG

Title (fr)
   OUTIL DE SERTISSAGE DE BILLE

Publication
   EP 2249993 A4 20140903 (EN)

Application
   EP 09709080 A 20090209

Priority
   • US 2009000798 W 20090209
   • US 6395408 P 20080207

Abstract (en)
   [origin: WO2009099665A1] A bead crimping tool for crimping a bead element and method for use, wherein the tool includes a base handle, a crush plate member, a pair of opposed pincer members, an actuator handle, and a crush arm member. The bead element is placed on the crush plate and preferably secured in place by the crush arm. Crimping the bead includes squeezing of the actuator handle. During a first portion of such actuation, a cam portion of the actuator handle cases the pincer members to impart a lateral compressive force to a lateral portion of the bead element sufficient to collapse the bead element in a lateral direction. During a subsequent second portion of the single actuation cycle, the crush arm is caused to impart a longitudinal compressive force about a top portion of the bead element sufficient to compress the collapsed bead element in a longitudinal direction.

IPC 8 full level
   B25B 7/02 (2006.01); **B25B 27/14** (2006.01)

CPC (source: EP US)
   B25B 7/02 (2013.01 - EP US); **B25B 27/146** (2013.01 - EP US); Y10T 29/49925 (2015.01 - EP US); Y10T 29/53835 (2015.01 - EP US); Y10T 29/53852 (2015.01 - EP US); Y10T 29/539 (2015.01 - EP US); Y10T 29/53909 (2015.01 - EP US); Y10T 29/53943 (2015.01 - EP US); Y10T 29/53978 (2015.01 - EP US); Y10T 29/53987 (2015.01 - EP US); Y10T 29/53996 (2015.01 - EP US)

Citation (search report)
   • [A] US 5426843 A 19950627 - BARTKY W SCOTT [US]
   • [A] US 2006236743 A1 20061026 - FAY ROBERT F [US]
   • See references of WO 2009099665A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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